

Claims

1. A ligament-tensioning device (1) for activating the ligament and/or capsule apparatus during implantation of a joint implant, having a base member (2) comprising a first claw (3) with a distal bearing surface (4), which bears on a first bone, and a second claw (7), which bears with a proximal bearing surface (10) on a second bone,
characterised in that
the second claw (7) may be displaced in an anteroposterior direction and/or mediolateral direction parallel to the first claw (3).
2. A ligament-tensioning device according to claim 1,
characterised in that
the second claw (3) comprises a distal part (8) and a proximal part (9).
3. A ligament-tensioning device according to claim 2,
characterised in that
the distal part (8) is displaceable relative to the proximal part (9).
4. A ligament-tensioning device according to claim 3,
characterised in that
the distal part (8) of the second claw (7) comprises a guide (31).
5. A ligament-tensioning device according to claim 4,
characterised in that
a projection (30) formed on the proximal part (9) of the second claw (7) is guided in the guide (31).

6. A ligament-tensioning device according to claim 5,
characterised in that
the guide (31) comprises a scale (37).

5 7. A ligament-tensioning device according to claim 5 or
claim 6,
characterised in that
the projection (30) comprises catches (32).

10 8. A ligament-tensioning device according to claim 7,
characterised in that
a locking device (33) is provided on the second claw (7).

9. A ligament-tensioning device according to claim 8,
15 characterised in that
the locking device (33) engages movably in the
catches (32).

10. A ligament-tensioning device according to claim 9,
20 characterised in that
the locking device (33) takes the form of a tilting or
rocking arm pivoting about an axis (35).

11. A ligament-tensioning device according to any one of
25 claims 8 to 10,
characterised in that
the proximal part (9) of the second claw (7) may be
released relative to the distal part (8) of the second
claw (7) by actuation of the locking device (33).

30 12. A ligament-tensioning device according to any one of
claims 1 to 11,
characterised in that

the first claw (3) and the second claw (7) may be displaced parallel to one another in the craniocaudal direction by means of a parallel displacement device (12).

5 13. A ligament-tensioning device according to claim 12, characterised in that

the ligament-tensioning device (1) comprises a force display (24) for the force applied in a craniocaudal direction by the parallel displacement device (12).

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14. A ligament-tensioning device according to claim 13, characterised in that

the anteroposterior and/or mediolateral displacement of the first claw (3) and the second claw (7) relative to one

15 another may be effected independently of the craniocaudal displacement of the first claw (3) and the second claw (7) relative to one another.

15. A ligament-tensioning device according to any one of
20 claims 1 to 14,

characterised in that

the second claw (7) is arranged in such a way that rotation of the second claw (7) relative to the first claw (3) may be effected in a varus-valgus direction, in an internal-
25 external direction and in the flexion-extension direction.

16. A ligament-tensioning device according to claim 15, characterised in that

the rotations in the varus-valgus direction, in the
30 internal-external direction and in the flexion-extension direction may be effected independently of one another.